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JP58186609A2:PREPARATION OF COLORED ELASTIC POLYURETHANE FIBER

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JP Japan

OGAWA YASUHIRO

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Oct. 31, 1983 / April 24, 1982

JP1982000069193

D01F 6/70:

Purpose: To obtain stably and advantageously the titled elastic fibers having improved heat resistance, by adding a polyisocyanate compound and a pigment to a molten polyurethane elastomer, mixing them, and spinning the resultant mixture.

Constitution: A molten polyurethane elastomer consisting of a polyol having 500W6,000 number-average molecular weight, an organic diisocyanate and a chain extending agent is mixed with 0.15W10wt%, preferably 0.5W6wt%, based on the total weight, pigment having 710μ average particle diameter and 3W30wt%, preferably 5W20wt%, polyisocyanate having 7800 molecular weight in a mixing apparatus having static kneading elements, and the resultant mixture is then spun into fibers.

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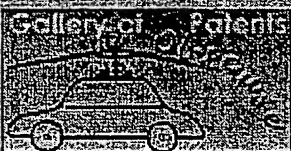
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